Design Artec Studio

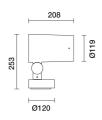
iGuzzini

Last information update: April 2024

Product configuration: El04

EI04: Spotlight with base - Neutral White Led - integrated electronic control gear - Medium optic





Product code

EI04: Spotlight with base - Neutral White Led - integrated electronic control gear - Medium optic

Technical description

Spotlight designed to use LED lamps and a Medium optic. The optical assembly and base is made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. 5 mm thick tempered sodium-calcium closing glass. Double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks for rotation on both the vertical axis and horizontal plane. Complete with a monochrome LED circuit and an Opti Beam Lens optic system. The product includes a PG13.5 cable gland. Electronic DALI ballast integrated in product. Option of using optic accessories assembled via an accessory holder frame. All external screws used are made of A2 stainless steel.

Installation

Floor, wall, ceiling or ground-installed via pole or stake.

 Colour
 W

 White (01) | Black (04) | Grey (15) | Rust Brown (F5)
 3.

Weight (Kg)

3.85

Mounting

wall surface|ground spike

Wiring

Double PG.

Complies with EN60598-1 and pertinent regulations

IK07 IP66

IK07 IP66

Technical data	
Im system:	1725
W system:	18.3
Im source:	2240
W source:	16
Luminous efficiency (lm/W, real value):	94.3
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	77
Beam angle [°]:	24°
CRI (minimum):	80
Colour temperature [K]:	4000
MacAdam Step:	2

Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Intervallo temperatura ambiente:	from -20°C to 35°C.
Lifetime of product at ambient operating temperature:	≥ 50.000h Ta=25°C
Power factor:	See installation instructions
Inrush current:	5 A / 220 μs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 81 luminaires B16A: 130 luminaires C10A: 135 luminaires C16A: 221 luminaires
Minimum dimming %:	1
Control:	DALI-2

Polar

Imax=7800 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	8	3.4	98	122
	16	6.8	25	30
7500	24	10.2	11	14
α=24°	32	13.6	6	8

Lux h=5 m. α=0° LED 167 25 5 2 0.5 0.2 0.1 0.0 0.0 18.3 W

UGR diagram

1 4H 1	7 I. ddim y 2H 3H 4H 6H 3H 6H 8H	9.7 9.7 9.5 9.5 9.4 9.4 9.3 9.5 9.4 9.3	0.70 0.30 0.20 11.7 11.0 10.7 10.4 10.3 10.8 10.3 10.2 10.5	0.50 0.50 0.20 viewed crosswis 10.0 9.9 9.8 9.8 9.7	12.0 11.4 11.1 10.7 10.7 10.7	0.30 0.30 0.20 12.3 11.7 11.4 11.1 11.0	9.7 9.7 9.6 9.5 9.4 9.3	0.70 0.30 0.20 11.7 11.1 10.8 10.4 10.3 10.7 10.3	0.50 0.50 0.20 viewed endwise 10.0 9.9 9.8 9.8 9.8	0.50 0.30 0.20 12.0 11.4 11.1 10.8 10.7 10.7	0.30 0.30 0.20 12.3 11.7 11.4 11.1 11.1
walls work pl. Room d x 2H 4H	I. ddim y 2H 3H 4H 6H 3H 4H 6H 8H	9.7 9.5 9.5 9.4 9.4 9.3 9.5 9.4 9.5	0.30 0.20 111.7 11.0 10.7 10.4 10.3 10.8 10.3 10.2	0.50 0.20 viewed crosswis 10.0 9.9 9.8 9.8 9.7	0.30 0.20 e 12.0 11.4 11.1 10.7 10.7 10.7	12.3 11.7 11.4 11.1 11.0	9.7 9.6 9.5 9.4 9.3	0.30 0.20 11.7 11.1 10.8 10.4 10.4 10.3	0.50 0.20 viewed endwise 10.0 9.9 9.9 9.8 9.8	0.30 0.20 12.0 11.4 11.1 10.8 10.7 10.7	12.3 11.7 11.4 11.1 11.1
2H 1 4H 1 8H	2H 3H 4H 6H 12H 2H 3H 4H 6H 3H	9.7 9.5 9.5 9.4 9.4 9.3 9.5 9.4 9.2 8.9	11.7 11.0 10.7 10.4 10.4 10.3 10.8 10.3	10.0 9.9 9.8 9.8 9.7 9.9	12.0 11.4 11.1 10.7 10.7 10.7	12.3 11.7 11.4 11.1 11.1 11.0	9.7 9.6 9.5 9.4 9.3	11.7 11.1 10.8 10.4 10.3	10.0 9.9 9.8 9.8 9.8	12.0 11.4 11.1 10.8 10.7 10.7	12.3 11.7 11.4 11.1 11.1
2H 11 4H 11 8H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	9.5 9.5 9.4 9.3 9.5 9.4 9.2 8.9	11.7 11.0 10.7 10.4 10.4 10.3 10.8 10.3 10.2	10.0 9.9 9.8 9.8 9.7 9.9	12.0 11.4 11.1 10.7 10.7 10.7	11.7 11.4 11.1 11.1 11.0	9.6 9.5 9.4 9.4 9.3	11.7 11.1 10.8 10.4 10.4 10.3	10.0 9.9 9.9 9.8 9.8 9.8	12.0 11.4 11.1 10.8 10.7 10.7	11.7 11.4 11.1 11.1 11.4
2H 1 1 4H 1 8H	2H 3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	9.5 9.5 9.4 9.3 9.5 9.4 9.2 8.9	11.7 11.0 10.7 10.4 10.4 10.3 10.8 10.3 10.2	10.0 9.9 9.8 9.8 9.8 9.7 9.9	12.0 11.4 11.1 10.7 10.7 10.7	11.7 11.4 11.1 11.1 11.0	9.6 9.5 9.4 9.4 9.3	11.7 11.1 10.8 10.4 10.4 10.3	10.0 9.9 9.9 9.8 9.8 9.8	12.0 11.4 11.1 10.8 10.7 10.7	11.7 11.4 11.1 11.1 11.4
14H 1	3H 4H 6H 8H 12H 2H 3H 4H 6H 8H	9.5 9.5 9.4 9.3 9.5 9.4 9.2 8.9	11.0 10.7 10.4 10.4 10.3 10.8 10.3 10.2	9.9 9.8 9.8 9.8 9.7 9.9	11.4 11.1 10.7 10.7 10.7	11.7 11.4 11.1 11.1 11.0	9.6 9.5 9.4 9.4 9.3	11.1 10.8 10.4 10.4 10.3	9.9 9.8 9.8 9.8	11.4 11.1 10.8 10.7 10.7	11.5 11.6 11.7 11.7 11.7
1 4H 1 8H	4H 6H 8H 12H 2H 3H 4H 6H 8H	9.5 9.4 9.4 9.3 9.5 9.4 9.2 8.9	10.7 10.4 10.4 10.3 10.8 10.3 10.2	9.8 9.8 9.8 9.7 9.9	11.1 10.7 10.7 10.7 11.1 10.7	11.4 11.1 11.1 11.0	9.5 9.4 9.4 9.3	10.8 10.4 10.4 10.3	9.9 9.8 9.8 9.8	11.1 10.8 10.7 10.7	11.4 11.1 11.1 11.1
1 4H 1	6H 8H 12H 2H 3H 4H 6H 8H	9.4 9.4 9.3 9.5 9.4 9.2 8.9	10.4 10.4 10.3 10.8 10.3 10.2	9.8 9.8 9.7 9.9 9.8	10.7 10.7 10.7 11.1 10.7	11.1 11.1 11.0	9.4 9.4 9.3	10.4 10.4 10.3	9.8 9.8 9.8	10.8 10.7 10.7	11.1 11.1 11.1
1 4H 1	8H 12H 2H 3H 4H 6H 8H	9.4 9.3 9.5 9.4 9.2 8.9	10.4 10.3 10.8 10.3 10.2	9.8 9.7 9.9 9.8	10.7 10.7 11.1 10.7	11.1 11.0	9.4 9.3 9.5	10.4 10.3	9.8 9.8 9.8	10.7 10.7	11.1 11.1
14H 118H	2H 3H 4H 6H 8H	9.3 9.5 9.4 9.2 8.9	10.3 10.8 10.3 10.2	9.7 9.9 9.8	10.7 11.1 10.7	11.0 11.4	9.3	10.3	9.8	10.7	11.4
4H 1	2H 3H 4H 6H 8H	9.5 9.4 9.2 8.9	10.8 10.3 10.2	9.9	11.1 10.7	11.4	9.5	10.7	9.8	11.1	11.4
1 8H	3H 4H 6H 8H	9.4 9.2 8.9	10.3 10.2	9.8	10.7						
1 8H	4H 6H 8H	9.2 8.9	10.2			11.1	9.4	10.3	9.8	10.7	1111
1 8H	6H 8H	8.9		9.7			1700000	10.0	5.0	10.7	
1 8H	нв		10.5		10.6	11.0	9.2	10.2	9.7	10.6	11.0
1 8H			10.5	9.4	10.9	11.4	8.9	10.5	9.4	10.9	11.4
8H		8.8	10.6	9.2	11.0	11.5	8.8	10.6	9.2	11.0	11.5
	12H	8.7	10.5	9.2	11.0	11.5	8.7	10.5	9.2	11.0	11.5
	4H	8.8	10.6	9.2	11.0	11.5	8.8	10.6	9.2	11.0	11.5
	6Н	8.6	10.3	9.1	10.8	11.4	8.6	10.3	9.2	8.01	11.
1	HS	8.6	10.1	9.1	10.6	11.2	8.6	10.1	9.1	10.6	11.2
12	12H	8.7	9.8	9.3	10.3	8.01	8.7	9.8	9.3	10.3	10.8
12H	4H	8.7	10.5	9.2	11.0	11.5	8.7	10.5	9.2	11.0	11.5
	бН	8.6	10.1	9.1	10.6	11.2	8.6	10.1	9.1	10.6	11.2
	H8	8.7	9.8	9.3	10.3	10.8	8.7	9.8	9.3	10.3	10.8
Variatio	ons wi	th the ol	bserverp	noition	at spacin	ıg:					
S = 1	1.0H		3	.9 / -6	8.			3	.9 / -6.	8	
1	1.5H		6	.5 / -12	.5			6.	5 / -12	.5	